

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: MT. CARMEL PUBLIC UTILITY CO.	Operator ID#: 12858
Inspection Date(s): 10/30/2014	Man Days: 1
Inspection Unit: MT. CARMEL PUBLIC UTILITY CO.	
Location of Audit: Mt. Carmel	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Joseph Sellers	
Company Representative's Email Address: jsellers@mtcpu.com	

Headquarters Address Information:	316 N. Market Street P. O. Box 220 Mount Carmel, IL 62863 Emergency Phone#: (618) 262-5151 Fax#:	
Official or Mayor's Name:	Margaret Felts Phone#: (618) 262-5151 Email:	
Inspection Contact(s)	Title	Phone No.
Joseph Sellers	Gas Superintendent	

CUSTOMER METER & REGULATOR		Status
Category Comment:		
Staff examined customer meter sets at 1214, 1226, 1224, 1214, 1206, 1202, 1130, 1128, 1122, 1115, 1123, Chester Street, and the First Baptist Church.		
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Satisfactory
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses	Satisfactory

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	upon connecting piping?	
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Satisfactory
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
<u>General Comment:</u> <i>Staff examined a meter set at 418 Walnut Street that had been locked and capped off.</i>		
CATHODIC PROTECTION		Status
<u>Category Comment:</u> <i>Staff examined customer meter sets at, 1214 (CP reading -1.24 V), 1206 (CP reading -1.25 V), 1130 (CP reading -1.25 V), 1128 (CP reading -1.24 V), 1122 (CP reading -0.87 V), 1115 (CP reading -1.20 V), 1123 (CP reading -1.23 (CP reading -1.24 V), Chester Street, and the First Baptist Church (CP reading -1.50 V).</i>		
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
[192.465(b)]	Were rectifier installations inspected?	Not Applicable
<u>General Comment:</u> <i>The operator's system does not contain rectifiers.</i>		
[192.465(a)]	Were isolated mains/services tested?	Satisfactory
[192.465(c)]	Were critical/non critical bonds tested?	Not Applicable
<u>General Comment:</u> <i>The operator's system does not contain rectifiers.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
[192.467(c)]	Were casings installations tested for electrical isolation?	Satisfactory
<u>General Comment:</u> <i>Staff examined a casing at Norfolk and railroad on 7th Street. The CP reading on the casing was -0.9 V and the CP reading on the main was -1.27 V.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Unsatisfactory
<u>Issue Comment:</u>		

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On October 30, 2014 Staff found two risers at 1130 and 1206 Chester St. that need to be wrapped and or coated.		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
DAMAGE PREVENTION		Status
Category Comment:		
Staff reviewed the markings for the JULIE dig ticket number X3021633. Staff reviewed line markers along the rail road, at six examined regulator stations, and at the casings.		
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
Category Comment:		
Staff examined the Grayville Take point, Mt. Carmel border station, CST MFG, North Park, Walnut 4th and 5th, and the Vine/ 2nd and 3rd regulator stations.		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory

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[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Satisfactory
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
VALVE MAINTENANCE		Status
<u>Category Comment:</u> <i>Staff examined valves at, 1st and Walnut, 7th and Vine, North Park regulator station, and the inlet to Oak Meadows regulator station.</i>		
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Applicable
<u>General Comment:</u> <i>The operator's system does not have transmission lines.</i>		
ODORIZATION OF GAS		Status
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory
<u>General Comment:</u> <i>Staff witnessed a sniff test which was recorded at 0.25 % gas in air.</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Satisfactory
<u>General Comment:</u> <i>Staff examined the tank gauge which read 14.5 gallons.</i>		
[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
<u>General Comment:</u> <i>The operator's odorator was calibrated on 10-21-14 and will be due for recalibration on 1-21-16.</i>		
TRANSMISSION		Status

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<u>Category Comment:</u>		
<i>The operator's system does not contain transmission pipelines.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Applicable
[192.745(a)]	Were the valves inspected accessible?	Not Applicable
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Applicable
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u>		
<i>Staff examined the operator's API 5L Steel pipe, the 2 inch IPS DR 11 Driscopex 2406/2708 plastic pipe dated 5/30/14, excess flow valves, and dresser couplings.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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